Hampton Roads Sanitation District
Industrial Wastewater Discharge Permit No. 0100

In accordance with all terms and conditions of the Hampton Roads Sanitation District Industrial Wastewater Discharge Regulations, and in accordance with any applicable provision of Federal or State law or regulation;

Permission is Hereby Granted to: **Department of the Navy, Commander, Navy Region, Mid-Atlantic, 9742 Maryland Avenue, Norfolk, Virginia 23511-3095 for Naval Air Station Oceana, Virginia Beach, Virginia 23460**

Classified by NAICS No. **928110, 336411 - Significant Industrial User**

For the contribution of **Industrial Wastes (Air Support Training Center)**

into the Hampton Roads Sanitation District at **London Bridge Road, Virginia Beach, Virginia**

This Permit is based on information provided in the Permit application which together with the following conditions and requirements is considered a part of this Permit. This Permit is not transferable.

Effective **1st** day of **March** 2013

To Expire **29th** day of **February** 2016

General Manager
(By Direction)

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EFFLUENT DISCHARGE LIMITATIONS

Addendum 12/03/13

The following referenced parameters are known to exist in the Permittee's discharge through information provided in the Permit application. The limitations set forth below shall be met at all times. In addition, all other effluent limitations and general discharge prohibitions set forth in the Hampton Roads Sanitation District's Industrial Wastewater Discharge Regulations (current) and all applicable Federal and State limitations shall be met.

Sampling Point Name: **#1 (Manhole-Bldg. SD-600)**		
Parameter (reported in mg/L unless otherwise indicated)	Calendar Month Average[1]	Calendar Day Maximum[2]
Arsenic (As)	0.05	0.05
Cadmium (Cd)	0.05	0.05
Chromium, Total (Cr)	1.0	2.5
Copper (Cu)	1.0	2.5
Cyanide (CN-)	0.3	0.5
Lead (Pb)	0.5	1.0
Mercury (Hg)	0.005	0.01
Nickel (Ni)	0.5	1.0
Phenolic Compounds	0.5	1.0
Silver (Ag)	0.13	0.3
Zinc (Zn)	1.0	2.5
Oil & Grease (SGT-HEM) (O&G)[3,6]	50	50
pH (s.u.)	≥ 5.0	≥ 5.0
Flow (GPD)[4]	280,036	560,071
Toxic Organics (TO)[5]		2.13

[1] Average of any number of daily values obtained during a calendar month.
[2] Maximum for any sample obtained during any calendar day.
[3] There shall be no visible free oil present.
[4] The flow quantities listed are not enforced as Permit limitations.
[5] No single parameter or BTEX concentration shall exceed 1.0 mg/L.
[6] Limit given is expressed in two significant figures.

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MONITORING REQUIREMENTS
Addendum 12/03/13

The following sample(s) shall be collected as specified:

Sampling Point	Quantity	Type	Frequency	Parameter(s)
#1 (Manhole-Bldg. SD-600)	1	Grab	Quarterly[2]	pH
#1 (Manhole-Bldg. SD-600)	1	Composite[1]	Quarterly[2]	Zn

[1] Comprised of at least fifteen (15) minute aliquots composited for the twenty-four (24) hour process discharge day obtained in no fewer than 22 hours and no more than 26 hours.
[2] First sample collected between **January** and **March**, the second sample collected between **April** and **June**, the third sample collected between **July** and **September**, and the fourth sample collected between **October** and **December** of each calendar year in varying months.

Certified results of *all* analyses for samples collected from the *permitted* sampling points in a calendar month must be received in this office by the tenth (10th) day of the following month. Transmitting data by facsimile or emailing to p3data@hrsd.com are acceptable methods for meeting this deadline. **Original signatures are not required for submittals to HRSD; however, original certification statements/signatures that are not submitted to HRSD's Pretreatment & Pollution Prevention Division must be retained by the industry for a period of three (3) years.**

The Permittee shall report the same number of significant figures as the permit limit for a given parameter. Regardless of the rounding convention used by the Permittee, the Permittee shall use the convention consistently, and shall ensure that consulting laboratories employed by the Permittee use the same convention.

All analyses shall be performed in accordance with Section 502 of the HRSD Industrial Wastewater Discharge Regulations.

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METERING REQUIREMENTS

Metering shall be as follows:

Quantity	Type	Purpose
1	Effluent	Total facility (SD-600) discharge billing

A certified monthly effluent totalizer reading must be received in this office by the tenth (10th) day of the following month. Transmitting meter readings by facsimile or submitted to p3data@hrsd.com are acceptable methods for meeting this deadline. **Original signatures are not required for submittals to HRSD; however, original certification statements/signatures that are not submitted to HRSD's Pretreatment & Pollution Prevention Division must be retained by the industry for a period of three (3) years.**

The effluent meter shall be certified as accurate to manufacturer's specifications annually and a copy of the certification shall be received in this office no later than December 31st of each year accompanied by an appropriately executed certification statement. Transmitting certifications by facsimile or emailing to p3data@hrsd.com are acceptable methods for meeting this deadline. **Original signatures are not required for submittals to HRSD; however, original certification statements/signatures that are not submitted to HRSD's Pretreatment & Pollution Prevention Division must be retained by the industry for a period of three (3) years.**

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SPECIAL CONDITIONS

Addendum 05/13/13

All active oil/water separators must be inspected at least quarterly and maintained as needed. An inspection/service log must be maintained for these pretreatment devices indicating the inspector's initials, inspection date/time, sanitary/storm sewer valve direction (if applicable), and if oil residual removal is required, actions taken to service the separator. All other active pretreatment devices listed below shall be properly maintained to achieve compliance with the limitations listed on Page II of this Permit.

Type [1]	Facility	Operation	Valve [2]
OWS	1105-OWS-01	Jet Engine Test Cell Prep Shop	
OWS	111-OWS-01	Aircraft Hangar (MATWING)	
OWS	111-OWS-02	Aircraft Hangar (MATWING)	
OWS	137-OWS-01	Aircraft Hangar (SWATSLANT)	
OWS	2005-OWS-01	Washrack	SAN/STM
OWS	223-OWS-01	Aircraft Hangar (F-18 Trainer)	
MERC	285-MERC-02	Chairside Amalgam Separation Systems	
MERC	285-MERC-01	Dental Clinic (Lanco Clarifier)	
OWS	296-OWS-01	NEX Carwash	
ST	296-ST-01	NEX Carwash	
OWS	401-OWS-02	FRC Washrack	
OWS	401-OWS-03	FRC Equipment Maintenance	
OWS	403-OWS-01	Air Compressor Bldg.	
OWS	405-OWS-01	Aircraft Hangar (Bldg. 404)	SAN/STM
OWS	405-OWS-02	Air Compressor Storage Tanks (Bldg. 403)	
OWS	500-OWS-01	Aircraft Hangar	
OWS	513-OWS-01	FRC Hydraulic Shop	
OWS	513-OWS-02	FRC Machine Shop	
OWS	543-OWS-01	Vehicle Maintenance (Hobby Shop)	
OWS	546-OWS-01	Carwash (MWR)	
ST	546-ST-01	Carwash (MWR)	
OWS	830-OWS-01	Vehicle Maintenance Washrack	SAN/STM
OWS	830-OWS-02	Vehicle Maintenance Garage	
OWS	840-OWS-01	Vehicle Washrack/ Grit Settling Basin	SAN/STM
OWS	1116-OWS-01	Hush House	SAN/HT
OWS	200-OWS-01	Aircraft Hangar	
OWS	122-OWS-01	Aircraft Hangar	

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SPECIAL CONDITIONS (Cont'd)
Addendum 12/03/13

All active oil/water separators must be inspected at least monthly and maintained as needed. An inspection/service log must be maintained for these pretreatment devices indicating the inspector's initials, inspection date/time, sanitary/storm sewer valve direction (if applicable), and if oil residual removal is required, actions taken to service the separator. All other active pretreatment devices listed below shall be properly maintained to achieve compliance with the limitations listed on Page II of this Permit.

Type [1]	Facility	Operation	Valve [2]
ST	220-ST-01	Fire Department (Bldg. 220)	SAN/STM
OWS	145-OWS-01	Aircraft Washrack (Bldg. 145)	SAN/STM
OWS	406-OWS-01	Aircraft Washrack (Bldg. 404)	SAN/STM
OWS	504-OWS-01	Aircraft Washrack (Bldg. 500)	SAN/STM
PULP	520-PULP-01	Galley	
NT	408-NT-01	Battery Shop (Bldg. 408)	
OWS	56-OWS-01	Aircraft Hangar (C-40)	SAN/STM
SRU	301-SRU-01	FRC Non-Destructive Inspection (Bldg. 301)	
BARREL	200-BARREL-01	Floor Washing	

[1] Key to Pretreatment Facility Types:

ST - Sediment Trap
OWS - Oil/Water Separator
MERC- Amalgam Pretreatment System
PULP – Pulper
NT – Neutralization Tank
SRU – Silver Recovery Unit
BARREL – Carbon Filtration Barrel

[2]Key to Valve Position:

SAN/STM – A diversion valve used to direct rainwater to storm drain and washwater to the sanitary sewer system. Valves shall be directed to the sanitary sewer only when aircraft and equipment cleaning is performed.
SAN/HT (AFFF System) – A diversion valve used to direct AFFF to the holding tank during fire suppression engagement and washwater to the sanitary sewer system.

The Aircraft Washrack Operation for the oil/water separators located at buildings 404 and 500 must be posted at all times and must be handled in accordance with your letter of April 15, 2010.

All residual material removed from the washracks, oil/water separators, sediment trap, silver (Ag) recovery units and dental amalgam pretreatment system shall not be discharged directly or indirectly into the HRSD system.

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SPECIAL CONDITIONS (Cont'd)
Addendum 12/03/13

The pulper in the galley and all grease control devices, used to control saponifiable oil and grease concentrations, shall be maintained in accordance with manufacturer's specifications at all times. Food service grease control device residuals shall not be discharged directly into the HRSD system; however, food service grease control device residuals may be discharged indirectly by waste haulers holding HRSD Indirect Wastewater Discharge Permits at locations authorized by HRSD.

Permit violations must be reported to the HRSD Pretreatment & Pollution Prevention Division in accordance with Section 302 of the HRSD Industrial Wastewater Discharge Regulations.

The Permittee is responsible for resampling and analysis of any violated parameter based on self-monitoring within thirty (30) days of becoming aware of the violation.

The Permittee must notify the HRSD Pretreatment & Pollution Prevention Division no less than two weeks, in writing (electronic communication is acceptable), prior to any major sanitary sewer line cleaning in order to determine appropriate wastewater treatment, disposal, or monitoring requirements.

There shall be no discharge of X-ray fixative wastes from the Medical Clinic (Building 285) without prior notification to the HRSD Pretreatment & Pollution Prevention Division and issuance of appropriate Industrial Wastewater Discharge Permit addendum.

There shall be no discharge of wastewater, which has been in contact with Aqueous Film Forming Foam (AFFF), either directly or indirectly into the HRSD system.

There shall be no discharge from the paint over-spray booth in the vehicle maintenance building without prior approval of the HRSD Pretreatment & Pollution Prevention Division.

Any wastes associated with a categorical process as listed in **Title 40 of the Code of Federal Regulations, Chapter I, Subchapter N** shall not be discharged to the sanitary sewer system unless the HRSD Pretreatment & Pollution Prevention Division receives prior written notification **and** the Permittee is subsequently in receipt of the appropriate HRSD Industrial Wastewater Discharge Permit addendum.

In accordance with Section 206 of the HRSD Industrial Wastewater Discharge Regulations, a permit renewal application must be received in this office at least 180 days prior to the expiration date of the existing Permit. Transmitting this document by facsimile or emailing to p3data@hrsd.com are acceptable methods for meeting this deadline. **Original signatures are not required for submittals to HRSD; however, original certification statements/signatures that are not submitted to HRSD's Pretreatment & Pollution Prevention Division must be retained by the industry for a period of three (3) years.**